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(N.E.)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Stephen H. Brown et al.

Serial No. 09/429,295

Filed: October 28, 1999

For: CONVERSION OF UNSATURATED
CHEMICALS TO OLIGOMERS

Examiner: Nadine Preisch

Group Art Unit: 1764

RESPONSE UNDER 37 CFR 1.111

Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Office Action mailed January 24, 2002, please enter the amendments below and consider the following remarks.

IN THE CLAIMS:

Please amend claims 1, 19 and 20 as follows:

1. (Thrice Amended) An oligomerization process comprising contacting a hydrocarbon feedstock comprising sulfur-containing molecules with a hydrotreating catalyst in the absence of hydrogen at a temperature ranging from about 392°F to about 600°F, wherein said hydrocarbon feedstock is selected from the group consisting of C₄ olefin streams, C₅ olefin streams, C₄ and C₅ olefin streams, pygas streams, coker streams, light FCC gasoline, C₇₊ reformat streams, light reformat streams containing benzene and toluene, pulp and paper byproducts, sugars, natural fatty acids and alcohols.

19. (Amended) The process according to Claim 3, wherein said hydrocarbon feedstock is selected from the group consisting of light FCC gasoline, C₇₊ reformat streams and light reformat streams containing benzene and toluene.